



Docket No.: 8733.872.00-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Sang-Seok Lee, et al.

Confirmation No.: N/A

Application No.: 10/661,473

Group Art Unit: N/A

Filed: September 15, 2003

Examiner: Not Yet Assigned

For: SUBSTRATE BONDING APPARATUS FOR
LIQUID CRYSTAL DISPLAY DEVICE

Customer No.: 30827

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned.

A copy of each reference on PTO/SB/08 is attached.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

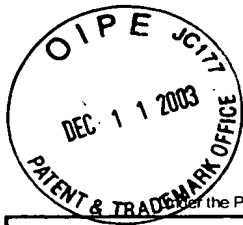
The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0911, under Order No. 8733.872.00-US. A duplicate copy of this paper is enclosed.

Dated: December 11, 2003

Respectfully submitted,

By 
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Attorney for Applicant

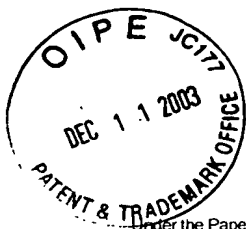


PTO/SB/08a/b (08-03)
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/661,473
				Filing Date	September 15, 2003
				First Named Inventor	Sang-Seok Lee
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	5	Attorney Docket Number	8733.872.00-US

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	2001-0021000-A1	09-13-2001	Egami	
	AB	4,094,058-	06-13-1978	Yasutake et al.	
	AC	4,691,995-A1	09-08-1987	Yamazaki et al.	
	AD	5,875,922-B1	03-02-1999	Chastine et al.	
	AE	6,304,311-B1	10-16-2001	Egami et al.	
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	AV	5,406,989-A1	04-18-1995	Abe	
	AW	5,499,128-A1	03-12-1996	Hasegawa et al.	
	AX	5,507,323-	04-16-1996	Abe	
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	AZ	5,548,429-	08-20-1996	Tsujita	
	AA1	5,680,189-	10-21-1997	Shimizu et al.	
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	AC1	5,852,484-	12-22-1998	Kazuo Inoue et al.	
	AD1	5,854,664-	12-29-1998	Kazuo Inoue et al.	
	AE1	5,861,932-	01-19-1999	Masashi Inata et al.	
	AF1	5,952,678	09-14-1999	Ashida	
	AG1	5,956,112-	09-21-1999	Fujimori et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	BA	JP-05-154923-	06-22-1993	Fukuo et al.		
	BB	KR-2000-035302-A1	06-26-2000	Yoshihiro		
	BC	JP-06-235925-	08-23-1994	Katsuya		
	BD	JP-06-313870-	11-08-1994	Fukuo et al.		
	BE	JP-07-084268-	03-31-1995	Hiroshi et al.		
	BF	JP-08-101395-	04-16-1996	Satoru et al.		
	BG	JP-09-061829-	03-07-1997	Satoru et al.		
	BH	JP-10-177178-	06-30-1998	Shinichi et al.		
	BI	JP-10-333157-	12-18-1998	Takayuki et al.		
	BJ	JP-10-333159-	12-18-1998	Takayuki et al.		
	BK	JP-11-133438-	05-21-1999	Shinichi et al.		
	BL	JP-11-142864-	05-28-1999	Takashi et al.		
	BM	JP-11-248930-	09-17-1999	Satoru et al.		
	BN	JP-11-326922-	11-26-1999	Yuji		
	BO	JP-2000-002879-	01-07-2000	Masaki		
	BP	JP-2000-056311-	02-25-2000	Satoru et al.		
	BQ	JP-2000-066165-	03-03-2000	Koji et al.		
	BR	JP-2000-137235-	05-16-2000	Norihiko et al.		
	BS	JP-2000-147528-	05-24-2000	Nobutaka et al.		
	BT	JP-2000-193988-	07-14-2000	Taijin et al.		
	BU	JP-2000-241824-	09-08-2000	Masanori et al.		
	BV	JP-2000-284295-	10-13-2000	Satoshi et al.		
	BW	JP-2000-292799-	10-20-2000	Yoshiteru et al.		
	BX	JP-2000-310759-	11-07-2000	Norihiko		
	BY	JP-2000-310784-	11-07-2000	Kazuo et al.		
	BZ	JP-2000-338501-	12-08-2000	Hideaki		
	BA1	JP-2001-005401-	01-12-2001	Kiyoshi et al.		
	BB1	JP-2001-005405-	01-12-2001	Satoshi et al.		
	BC1	JP-2001-013506-	01-19-2001	Seiji et al.		
	BD1	JP-2001-033793-	02-09-2001	Shinichiro et al.		
	BE1	JP-2001-042341-	02-16-2001	Masayuki et al.		
	BF1	JP-2001-051284-	02-23-2001	Norihiko		
	BG1	JP-2001-066615-	03-16-2001	Katsuki et al.		
	BH1	JP-2001-091727-	04-06-2001	Koji et al.		
	BI1	JP-2001-117109-	04-27-2001	Hideki et al.		
	BJ1	JP-2001-133745-	05-18-2001	Satoshi et al.		
	BK1	JP-2001-133799-	05-18-2001	Satoshi		
	BL1	JP-2001-166272-	06-22-2001	Kiyoshi et al.		
	BM1	JP-2001-166310-	06-22-2001	Takashi et al.		
	BN1	JP-2001-183683-	07-06-2001	Akinori et al.		
	BO1	JP-2001-201750-	10-04-2001	Kazuyuki et al.		
	BP1	JP-2001-209052-	08-03-2001	Hideaki		
	BQ1	JP-2001-209060-	08-03-2001	Yoshiro et al.		
	BR1	JP-2001-215459-	09-13-2001	Norihiko		

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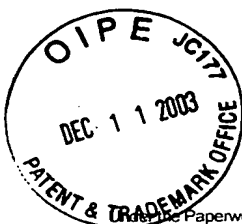
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				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	3	of	5	Attorney Docket Number	8733.872.00-US

BS1	JP-2001-222017-	08-17-2001	Kunihiro et al.		
BT1	JP-2001-235758-	08-31-2001	Katsuki		
BU1	JP-2001-272640-	10-05-2001	Kuniaki		
BV1	JP-2001-281675-	10-10-2001	Yutaka et al.		
BW1	JP-2001-281678-	10-04-2001	Hiroyuki et al.		
BX1	JP-2001-282126-	10-12-2001	Masayuki et al.		
BY1	JP-2001-305563-	10-31-2001	Akira et al.		
BZ1	JP-2001-330837-	11-30-2001	Kazufumi		
BA2	EP-1 003 066 A1-A1	05-24-2000	Egami et al.		
BB2	JP-2001-356353-	12-26-2001	Satoshi et al.		
BC2	JP-51-065656-	06-07-1976	Yoichi		
BD2	JP-59-057221-	04-02-1984	Yoshio et al.		
BE2	JP-59-195222-	11-06-1984	Osamu		
BF2	JP-60-111221-	06-17-1985	Masanori et al.		
BG2	JP-57-038414-A1	03-03-1982	Naoaki et al.		
BH2	JP-57-088428-A1	06-02-1982	Tsutomu		
BI2	JP-58-027126-A1	02-17-1983	Takao		
BJ2	JP-60-164723-A1	08-27-1985	Tooru		
BK2	JP-60-217343-A1	10-30-1985	Kiyohiro		
BL2	JP-61-007822-A1	01-14-1986	Shinjiro		
BM2	JP-61-055625-A1	03-20-1986	Norio et al.		
BN2	JP-62-089025-A1	04-23-1987	Shinji et al.		
BO2	JP-62-090622-A1	04-25-1987	Akihiro et al.		
BP2	JP-62-205319-A1	09-09-1987	Akira et al.		
BQ2	JP-63-109413-A1	05-14-1988	Yoshiro		
BR2	JP-63-110425-A1	05-14-1988	Motoi		
BS2	JP-63-128315-A1	05-31-1988	Toshiyasu		
BT2	JP-63-311233-A1	12-20-1988	Yoko et al.		
BU2	JP-05-127179-A1	05-25-1993	Hiroshi		
BV2	JP-05-265011-A1	10-15-1993	Katsuki		
BW2	JP-05-281557-A1	10-29-1993	Hisao et al.		
BX2	JP-05-281562-A1	10-29-1993	Satoshi et al.		
BY2	JP-06-051256-A1	02-25-1994	Koji et al.		
BZ2	JP-06-148657-A1	05-27-1994	Yoshinori et al.		
BA3	JP-06-160871-	06-07-1994	Yoshinori et al.		
BB3	JP-06-265915-A1	09-22-1994	Hirotsada et al.		
BC3	JP-07-128674-A1	05-19-1995	Yoshiyuki et al.		
BD3	JP-07-181507-A1	07-21-1995	Teruhiko		
BE3	JP-08-095066-A1	04-12-1996	Kazuhiro et al.		
BF3	JP-08-106101-A1	04-23-1996	Yoshiro et al.		
BG3	JP-08-171094-A1	07-02-1996	Shinji et al.		
BH3	JP-08-190099-A1	07-23-1996	Yoshiro et al.		
BI3	JP-08-240807-A1	09-17-1996	Yoshiro et al.		
BJ3	JP-09-005762-A1	01-10-1997	Hiroyuki		
BK3	JP-09-026578-A1	01-28-1997	Kunihiro et al.		
BL3	JP-09-073075-A1	03-18-1997	Junji et al.		
BM3	JP-09-073096-A1	03-18-1997	Hideki et al.		
BN3	JP-09-127528-A1	05-16-1997	Kunihiro et al.		

Examiner Signature		Date Considered	
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				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	4	of	5	Attorney Docket Number	8733.872.00-US

	BO3	JP-09-230357-A1	09-05-1997	Teruhiko		
	BP3	JP-09-281511-A1	10-31-1997	Kunihiro et al.		
	BQ3	JP-09-311340-A1	12-02-1997	Satoshi		
	BR3	JP-10-123537-A1	05-15-1998	Norihiko et al.		
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	BX3	JP-11-038424-A1	02-12-1999	Kunihiro et al.		
	BY3	JP-11-064811-A1	03-05-1999	Naoto		
	BZ3	JP-11-109388-A1	04-23-1999	Yuzo et al.		
	BA4	JP-11-174477-A1	07-02-1999	Katsuki et al.		
	BB4	JP-11-212045-A1	08-06-1999	Shirou		
	BC4	JP-11-344714-A1	12-14-1999	Masaaki et al.		
	BD4	JP-2000-029035-	01-28-2000	Naoya et al.		
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	BF4	JP-2001-133794-	05-18-2001	Kazuyuki		
	BG4	JP-2001-142074-	05-25-2001	Makiko et al.		
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	BN4	JP-2002-014360-A1	01-18-2002	Norihiko et al.		
	BO4	JP-2002-023176-A1	01-23-2002	Koji		
	BP4	JP-2002-049045-A1	02-15-2002	Takeshi		
	BQ4	JP-2002-082340-A1	03-22-2002	Sadaichi et al.		
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	BT4	JP-2002-107740-A1	04-10-2002	Mitsuaki		
	BU4	JP-2002-122872-A1	04-26-2002	Tetsuo et al.		
	BV4	JP-2002-122873-A1	04-26-2002	Yasuo		
	BW4	JP-2002-139734-	05-17-2002	Hiroyuki et al.		
	BX4	JP-2002-202512-A1	07-19-2002	Akimasa		
	BY4	JP-2002-202514-A1	07-19-2002	Satoshi et al.		
	BZ4	JP-2002-214626-A1	07-31-2002	Shinichi		

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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

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